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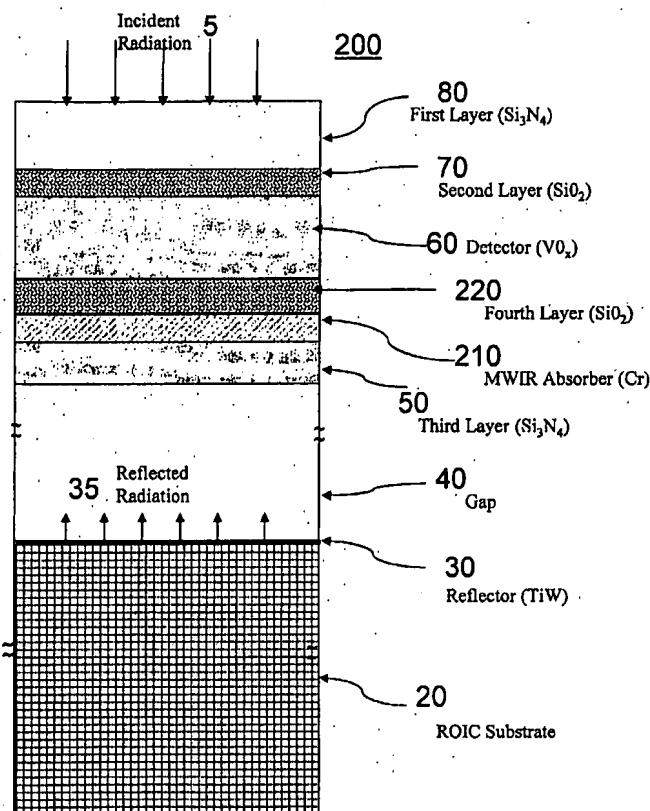
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(54) Title: MULTI-SPECTRAL UNCOOLED MICROBOLOMETER DETECTORS



(57) Abstract: A process and system for a medium wave infrared (MWIR) uncooled microbolometer focal plane array (FPA). One embodiment is for a single MWIR band uncooled IR detector, wherein the design and fabrication utilizes standard silicon processing techniques reducing manufacturing costs and preserving existing manufacturing capabilities. Another embodiment is a two color uncooled microbolometer IR detector providing broadband detection.

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